

IN THE CLAIMS

Please amend the following claims:

Sub C1

1. (twice amended) A hearing aid with a microphone system (1) and a subsequent analog/digital converter (5), wherein the microphone system (1) is encapsulated in an electromagnetic shielding case (3) and the analog/digital converter (5) is mounted on the electromagnetic shielding case (3).

Sub E1

2. (twice amended) The hearing aid as claimed in claim 1, wherein the analog/digital converter (5) is encapsulated in a converter shielding case (7a, 7b) which is set to the electrical potential of the electromagnetic shielding case (3) of the microphone system.

Sub E2

4. (twice amended) The hearing aid as claimed in claim 1, wherein said analog/digital converter comprises first and second analog inputs (E_1 , E_2), said first analog input (E_1) having a first input impedance (Z_1) and a first input gain (G_1), said second analog input (E_2) having a second input impedance (Z_2) and a second input gain (G_2), and wherein either said first and second input impedances (Z_1 , Z_2) are different from one another or said first and second input gains (G_1 , G_2) are different from one another.

B2

Sub E3

6. (amended) The hearing aid as claimed in claim 2, wherein said analog/digital converter comprises first and second analog inputs (E_1 , E_2), said first analog input (E_1) having a first input impedance (Z_1) and a first input gain (G_1), said second analog input (E_2) having a second input impedance (Z_2) and a second input gain (G_2), and wherein either said first and second input impedances (Z_1 , Z_2) are different from one another or said first and second input gains (G_1 , G_2) are different from one another.

B3

7. (amended) The hearing aid as claimed in claim 3, wherein said analog/digital converter comprises first and second analog inputs (E_1 , E_2), said first

3 analog input (E_1) having a first input impedance (Z_1) and a first input gain (G_1), said
4 second analog input (E_2) having a second input impedance (Z_2) and a second input
5 gain (G_2), and wherein either said first and second input impedances (Z_1, Z_2) are
6 different from one another or said first and second input gains (G_1, G_2) are different
7 from one another.